

Abstract of the Disclosure

[0052] Pre-emphasis is given to differential output signals emanating from a pair of output nodes by initially (after an input data signal transition) connecting at least two current circuits to only one of the nodes. After a time delay, one of the current circuits is switched to connect only to the node to which the current circuits were not previously connected if there has been no further transition in the input data signal during the time delay. If only single-ended (i.e., non-differential) output is desired, only one of the output nodes is used as an output signal source. More than two current circuits may be used, and their switching from one node to the other may be performed progressively to provide pre-emphasis having any of many different characteristics.